Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 25 Dec 2022 until 23:59 on Monday 26 Dec 2022

Forecast Issued on Sunday 25 Dec 2022 at 01:58

Confidence: High for a day of sunshine and showers Christmas day, but low with extent of any heavy showers and snow on summits later. Also high for a colder Boxing Day, but still with a few lighter showers. Beyond this confidence remaining high for the general unsettled trend, but falling to low with the timing and extent of any rainfall, summit snow and stronger winds.

Headline for Sunday 25 Dec 2022: Sunny spells and showers, with strong winds over the summits.

Mountain weather hazards on Sunday 25 Dec 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Heavy rain showers	Heavy rain showers	Cloudy	Heavy Rain
Precipitation probability					
20%	30%	30%	30%	30%	60%

Forecast for Sunday 25 Dec 2022

Weather: Sunshine and occasional showers moving through on Christmas Day. Showers heavy at times, and the odd rumble of thunder or burst of hail cannot be ruled out. Gusty winds are also possible. A more persistent band of heavy rain expected towards midnight.

Chance of cloud-free hill tops above 600m: 80%, falling to 40% towards midnight

Low cloud and visibility: Good to very good views expected, however cloud amounts on the summits rapidly varying through the day due to showers moving through. This occasionally obscuring views above 600m. More extensive cloud developing above this level during the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 25 Dec 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/33 SW	22/32 S	23/33 SW	23/33 SW	24/34 SW	22/33 SW	19/28 W
300	18/29 S	15/25 S	18/27 SW	17/27 SW	17/29 SW	17/28 SW	15/24 W
Valley	11/28 S	8/24 S	12/26 S	11/26 SW	12/28 SW	11/26 SW	12/24 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-0	5/-0	5/-0	5/-0	5/-1	4/-1	3/-3
300	8/3	7/3	7/3	8/4	7/3	7/3	5/0
Valley	7/4	7/5	8/5	8/5	7/4	7/4	5/1
Freezing Level*	1300m	1300m	1300m	1300m	1300m	1300m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold in the wind with isolated gusts of around 40-45mph possible on the tops, and rapid changes in conditions likely as showers move through.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 25 Dec 2022	3.4mm	16mm	19mm

Forecast for Monday 26 Dec 2022

Weather: A few showers possible, although lighter than on Christmas Day. These falling as snow above 600m at first, but the snow-line rising above the summits by the afternoon. Otherwise, plenty of drier and brighter weather with some good spells of Boxing Day sunshine.

Maximum wind: Westerly 25-30mph gusting 35-40mph, mainly during any showers.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Very good to excellent views expected outside of any precipitation, however cloud amounts on the summits rapidly varying through the day due to showers moving through. This occasionally obscuring views above 600m.

Temperature: **Valleys:** Zero Celsius rising to Plus 9 Celsius
At 600m: Minus 1 Celsius
Freezing level: 600m at first, rising above the summits by the afternoon

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